ABSTRACT OF THE DISCLOSURE

Disclosed is a bridge apparatus for the relay of a frame between a wire LAN and a wireless LAN. When a frame transmitted by the wire LAN is a specific frame, a QoS middleware unit of the bridge apparatus adds a bridging request to an FIFO queue having a high priority. And when the frame received from the wire LAN is not a specific frame, the QoS middleware unit adds a bridging request to an FIFO queue having a low priority. A bridging unit performs the priority processing for the bridging request present in the FIFO queue having a high priority, and transmits the frame to the wireless LAN.